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ABSTRACT OF THE DISCLOSURE

The over-the-needle catheter is provided with a septum seal within the hub of the catheter. The introducer needle passes through the septum seal and into the catheter. Upon removal of the introducer needle, the septum seal reseals so that blood is prevented from flowing from the patient out of the hub. A male luer adaptor is used to form a connection, for example, to an IV bag by pushing the seal onto a tube secured within the hub and communicating with the catheter or, in another embodiment, by pushing a piercing ring through a slit in the septum seal to form a permanent lumen.

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